

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-14. (Cancelled)

15. (Previously presented) An isolated nucleotide sequence which encodes the plant D-like cyclin inhibitor protein designated BRO4 as depicted in SEQ ID NO: 8 initiating at amino acid residue position 13 and terminating at amino acid residue position 208.

16. (Previously presented) The isolated nucleotide sequence of claim 15, wherein the nucleotide sequence is that depicted in SEQ ID NO: 7.

17. (Currently amended) A vector comprising the nucleotide sequence of claim 15 ~~or its reverse complement~~.

18. (Previously presented) The vector according to claim 17, wherein the vector further comprises a selectable marker.

19. (Currently amended) The vector according to claim 17, wherein the vector further comprises an operably linked promoter ~~capable of functioning~~ that functions in a plant cell.

20. (Currently amended) The vector according to claim 19, wherein the promoter is associated with the gene encoding CaMV 35S, tomato E8, patatin, ubiquitin, mannopine synthase, rice *actin I*, soybean seed protein glycinin (*GlyI*), soybean vegetative storage protein, or is the CaMV 35S or mannopine synthase hybrid promoter MAC comprising elements of the promoter associated with the gene encoding CaMV 35S and the 3' region of the gene encoding mannopine synthase.

21. (Previously presented) A host cell comprising the vector of claim 17.

- 22. (Previously presented) A host cell comprising the vector of claim 18.
- 23. (Previously presented) A host cell comprising the vector of claim 19.
- 24. (Previously presented) A host cell comprising the vector of claim 20.